

Title (en)

System and method of controlling transmit power for multi-mode mobile device

Title (de)

System und Verfahren zur Sendeleistungsregelung für Multimode Mobilgerät

Title (fr)

Système et procédé de commande de puissance d'émission pour un appareil mobile multimode

Publication

EP 1524774 A1 20050420 (EN)

Application

EP 03022865 A 20031008

Priority

- EP 03022865 A 20031008
- US 67957503 A 20031006

Abstract (en)

A system and method of controlling transmit power for mobile wireless devices with multi-mode operation of antenna are disclosed. A radio control system in a communication device is disclosed, the radio control system comprising: (a) a sensor capable of detecting a change in use mode of said device; (b) a power controller connected to said sensor to determine a power configuration based on the use mode; and (c) a power regulator connected to said power controller to apply the power configuration to a transmitted signal. A method of controlling a power configuration in a communication device is disclosed, comprising the steps of: (a) detecting a use mode; (b) changing the power configuration as a function of the use mode; and (c) communicating at the changed power configuration. A radio control system in a communication device is disclosed, comprising: (a) a sensor capable of detecting a change in use mode of said device; (b) a radio controller connected to said sensor to determine a radio configuration based on the use mode; and (c) a radio configuration module connected to said radio controller to apply the radio configuration to the transmitted signal.

IPC 1-7

H04B 1/38; **H04B 7/005**

IPC 8 full level

H04B 7/005 (2006.01)

CPC (source: EP US)

H04W 52/283 (2013.01 - EP US); **H04W 52/288** (2013.01 - EP US)

Citation (search report)

- [X] EP 1298809 A2 20030402 - SIEMENS INF & COMM MOBILE LLC [US]
- [X] DE 10136215 C1 20030213 - SIEMENS AG [DE]
- [X] US 5541609 A 19960730 - STUTZMAN WARREN L [US], et al
- [X] EP 0994578 A2 20000419 - CANON EUROPA NV [NL]
- [X] US 2002016155 A1 20020207 - CHARBONNIER PHILIPPE [FR]
- [X] US 6456856 B1 20020924 - WERLING THIERRY B F [FR], et al

Cited by

EP2519059A1; CN103138794A; EP2171873A4; CN104124991A; GB2502969A; CN105792341A; US9300342B2; US8954121B2; US8995938B2; WO2014172076A1; WO2013074295A1; WO2014164193A1; WO2009149023A1; US8577289B2; US10490881B2; US8774853B2; US9054780B2; US8781420B2; US9071336B2; US9179299B2; US9065518B2; US9088953B2; US10290946B2; TWI550950B; WO2007100343A1; US8417296B2; US8432322B2; US8466839B2; US10218052B2; US9258784B2; US9728858B2; US9791490B2; US10571502B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1524774 A1 20050420; CA 2483357 A1 20050406; CA 2483357 C 20150804; EP 2086118 A2 20090805; EP 2086118 A3 20110810; EP 2086118 B1 20160629; US 2005075123 A1 20050407; US 2011294488 A1 20111201; US 2013012183 A1 20130110; US 8023984 B2 20110920

DOCDB simple family (application)

EP 03022865 A 20031008; CA 2483357 A 20041001; EP 09158669 A 20031008; US 201113208684 A 20110812; US 201213547823 A 20120712; US 67957503 A 20031006